

# Curriculum Vitae

## Contact Information:

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## Personal Information:

**Name:** Hameed Naser Khalaf  
**Nationality:** Iraqi  
**Birth Date:** Baghdad -1974  
**Gender:** Male  
**Marital status:** Married

## Career Experience:

- Laser ablation to prepare nanoparticles of different materials.
- Design and construction of high energy Nd: YAG laser.
- Electronic Devices maintenance.
- Visual basic database programming.

## Work Experience:

- Maintenance hardware and software for computers.
- Basic computer software, Microsoft word, access, excels.

## Educational Background:

- B.Sc. in Applied Physics, Department of Applied physics, University of Technology, Baghdad, Iraq.
- M. Sc. In APPLIED Physics, School of Applied Physics, National University of Malaysia (UKM).

## Thesis Title:

**Factors Affecting the Synthesis and Production of Nanoparticles by Laser Ablation Method for Different Targets**

## Publications:

- Research and development efforts on texturization to reduce the optical losses at front surface of silicon solar cell, Renewable and Sustainable Energy Reviews, 66, (2016), 380–398. Impact Factor: 6.74, Elsevier.
- Factors Affecting the Porosity and Mechanical Properties of Porous Ceramic Composite Materials. Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier; 2017. pp. 1-54.

- The Role of Laser Parameters upon the Size and Shape of Gold Nanoparticles Prepared by Pulsed Laser Ablation in Liquid (PLAL). Under review
- FACTORS AFFECTING SYNTHESIS OF NANOPARTICLES USING LASER ABLATION TECHNIQUE. Under review

**Languages:** English: read, write, took.